

Attorney Docket No.: DC-0261US.NP
Inventors: Foote and Yeo
Serial No.: 10/553,585
Filing Date: January 13, 2006
Page 3

Listing of Claims:

Claims 1-3 (canceled).

Claim 4 (currently amended): A method for detecting cardiac ischemia in an individual suspected of suffering from ischemic cardiovascular disease comprising:

- a) measuring a level of a natriuretic peptide in picograms of natriuretic peptide per milliliter of blood in a first blood sample from an individual suspected of suffering from ischemic cardiovascular disease;
- b) subjecting the individual to an exercise stress test with myocardial perfusion imaging wherein a dual isotope, rest-stress protocol is used;
- c) measuring a level of the natriuretic peptide in picograms of natriuretic peptide per milliliter of blood in a second blood sample from the individual immediately after completion of the exercise stress test; and
- d) comparing the actual picogram per milliliter of blood levels of the natriuretic peptide in the first and second blood samples wherein an increase

Attorney Docket No.: DC-0261US.NP
Inventors: Foote and Yeo
Serial No.: 10/553,585
Filing Date: January 13, 2006
Page 4

in the actual picrogram per milliliter of blood
level of the natriuretic peptide in the second
blood sample as compared to the first blood sample
of as small as 9 picrograms per milliliter of blood
is indicative of cardiac ischemia in the
individual.